





Sungrow Technical Notice

NextGen Crystal Inverters Release and Comparison

To meet the growing demand for the residential solar market and provide better solar inverter solutions, Sungrow released its next generation residential grid connected inverters (SG2K-S, SG2K5-S, SG3K-S, SG3K-D and SG5K-D). These inverters have built-in LCD with WiFi modules supplied. We also offer Sungrow energy meters for export limits as optional.

To distinguish the NextGen Crystal inverters from the current Crystal inverters, please refer to Table 1.







Table 1 How to distinguish NextGen Crystal inverters

| Inverters | NextGen Crystal Inverters (SG2K-S, SG2K5-S, SG3K-S, SG3K-D and SG5K-D) | Current Crystal Inverters (SG2KTL-S, SG3KTL-S, SG3KTL-D and SG5KTL-D) |
|-----------------------------|--|---|
| Package (e.g. 5kW inverter) | - Inverter models without TL  | - Inverter models with TL  |
| Appearance | - Sliver casing - Built-in LCD  | - Gold casing - External LCD  |
| Monitoring* | Only compatible with Wi-Fi V24 modules (supplied) | Compatible with Wi-Fi V21, Wi-Fi V22, Wi-Fi V24 modules and eShow (built-in Wi-Fi) |
| Export Limit | Yes , compatible with both 1-phase energy meters (S100) or 3-phase energy meters (T65) | No , cannot be used with 1-phase energy meters (S100) or 3-phase energy meters (T65) |

* Refer to Table 2

SolarInfo Wi-Fi Modules Compatibility between NextGen Crystal inverters and current Crystal inverters are listed in Table 2.

Table 2 SolarInfo Wi-Fi Modules Compatibility

| | | Wi-Fi V21 | Wi-Fi V22 | eShow (built-in WiFi) | Wi-Fi V24 |
|----------------------------------|----------|---|---|---|---|
| | |  |  |  |  |
| | |  |  |  |  |
| NextGen Crystal Inverters | SG2K-S | X | X | X | ✓ |
| | SG2K5-S | X | X | X | ✓ |
| | SG3K-S | X | X | X | ✓ |
| | SG3K-D | X | X | X | ✓ |
| | SG5K-D | X | X | X | ✓ |
| Current Crystal Inverters | SG2KTL-S | ✓ | ✓ | ✓ | ✓ |
| | SG3KTL-S | ✓ | ✓ | ✓ | ✓ |
| | SG3KTL-D | ✓ | ✓ | ✓ | ✓ |
| | SG5KTL-D | ✓ | ✓ | ✓ | ✓ |

Please contact Sungrow service team on 1800 SUNGROW (786 476) or email us via service@sungrowpower.com.au if you have any enquiries about NextGen Crystal inverters.

Thank you for your continued support.

Sungrow Australia Group

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